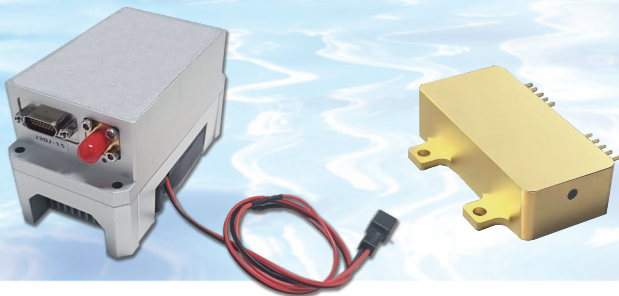




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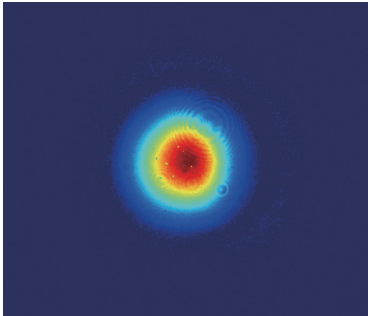


MiniQP-S系列 微型窄脉宽激光器

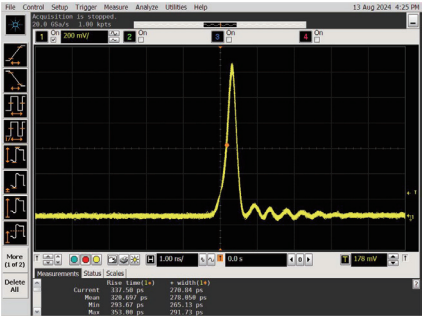
- ◆ Compact and Robust
- ◆ Pulse Width: 250ps to 450ps
- ◆ Pulse Energy up to 180μJ

Technical Parameters 技术参数

Specifications 产品参数			MiniQP-S系列					
Wavelength (nm)			1064			532		
波长								
Repetition Rate (kHz)			0.01					
重复频率								
Pulse Energy (μJ)			180	150	100	90	75	50
单脉冲能量								
Average Power (mW)			1.8	1.5	1	0.9	0.75	0.5
平均功率								
Pulse Width (ps)			450	350	250	450	350	250
脉冲宽度								
Beam Quality (M ²)			＜1.3					
光束质量								
Energy Stability (rms,8h)			＜3%			＜5%		
能量稳定性								
Beam Divergence (typ., mrad)		Horizontal @1/e ²	8			6		
光束发散角 水平/竖直		Vertical @1/e ²	8			6		
Polarization			Linear >100:1					
偏振特性								
Cooling			Air cooled					
冷却方式								
Power Supply			100-240 VAC, 50/60Hz					
电源输入								
Control Interface			RS232					
控制接口								
Trigger Input			TTL 0-5V					
触发输入								
Power Consumption (W)			＜10					
系统功耗								
Power Dimensions (W×H×L,mm)			125x60x141					
电源尺寸								
Laser Head Dimensions (W×H×L,mm)			50x30x94					
激光头尺寸								
Operation Temperature (°C)			15-35					
工作温度								
Storage Temperature (°C)			0-60					
存储温度								



Beam Profile
光斑形状

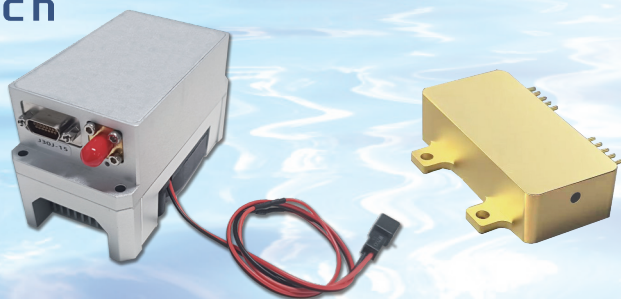


Typical Pulse
典型脉宽



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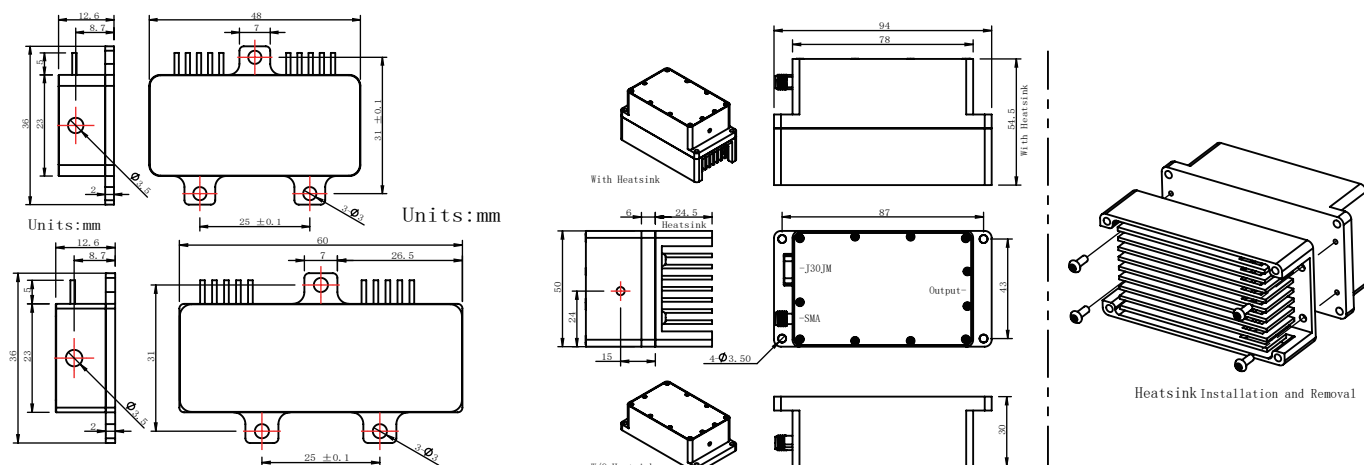
Theotech Co., Ltd.



MiniQP-S系列 微型窄脉宽激光器

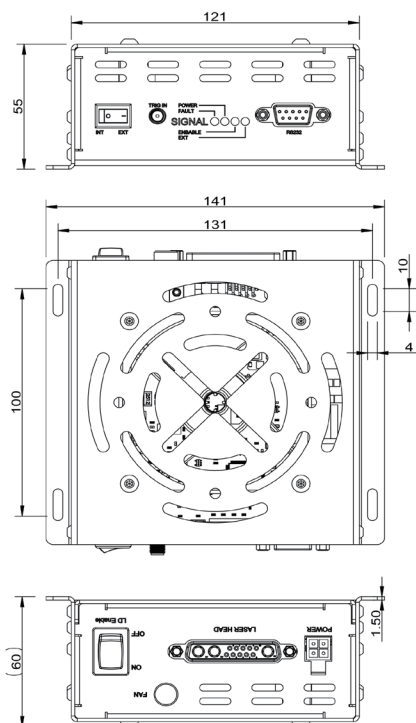
- ◆ Compact and Robust
- ◆ Pulse Width: 250ps to 450ps
- ◆ Pulse Energy up to 180μJ

Mechanical Drawings (in mm) 机械尺寸(单位: mm)



Module Dimensions
模组尺寸图

Laser Head (W/, W/O Heatsink)
激光头



Driving Source
驱动源



Units:mm